**FIG.1** COMPUTER NETWORK SYSTEM

COMMANDS	FUNCTIONS
HELO	START SENDING BY SMTP
MAIL	SPECIFY SENDER'S ADDRESS
RCPT	SPECIFY RECEIVER'S ADDRESS
DATA	START SENDING OF MAIL DATA
QUIT	END SMTP CONNECTION

FIG.2 BASIC COMMANDS OF SMTP

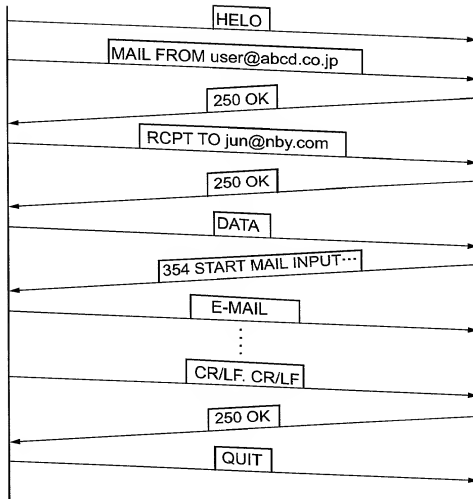


FIG.3 SEND E-MAIL BY SMTP

COMMANDS	FUNCTIONS
USER	SPECIFY USER NAME
PASS	SPECIFY PASSWORD
LIST	MAIL NO. AND SIZE RETURNED IN RESPONSE TO INQUIRY OF MAIL LIST
RETR	READ A MAIL OF SPECIFIED MAIL NO.
DELE	DELETE THE MAIL SPECIFIED
QUIT	EXECUTE UPDATING OF THE MAIL BOX, THEN END COMMUNICATION OF POP 3

FIG. 4 BASIC COMMANDS OF POP3

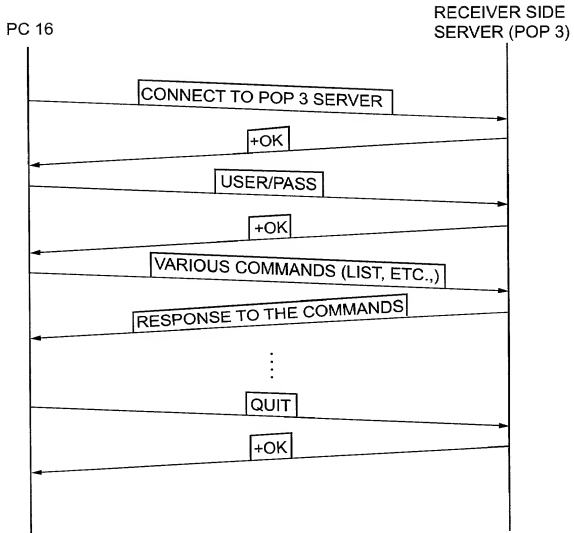


FIG.5 E-MAIL READOUT PROCEDURE BY POP 3

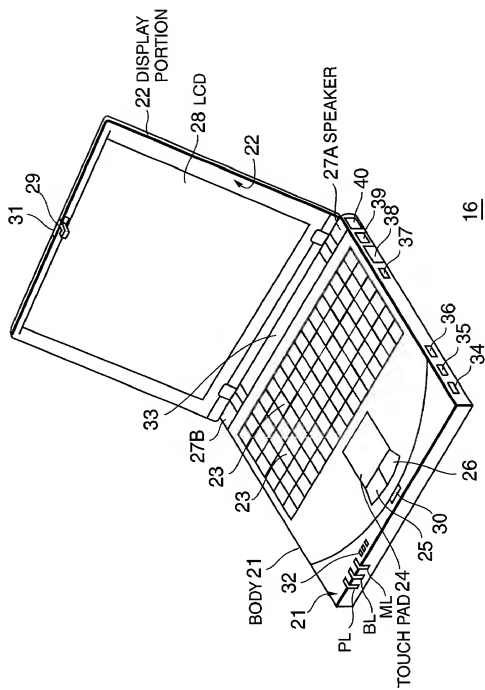


FIG.6 ARRANGEMENT OF PC

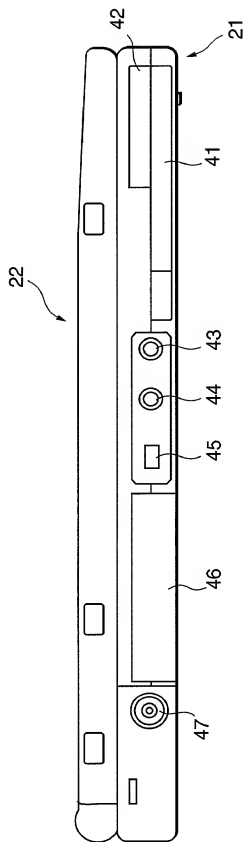


FIG. 7 LEFT-HAND SIDE ARRANGEMENT OF PC

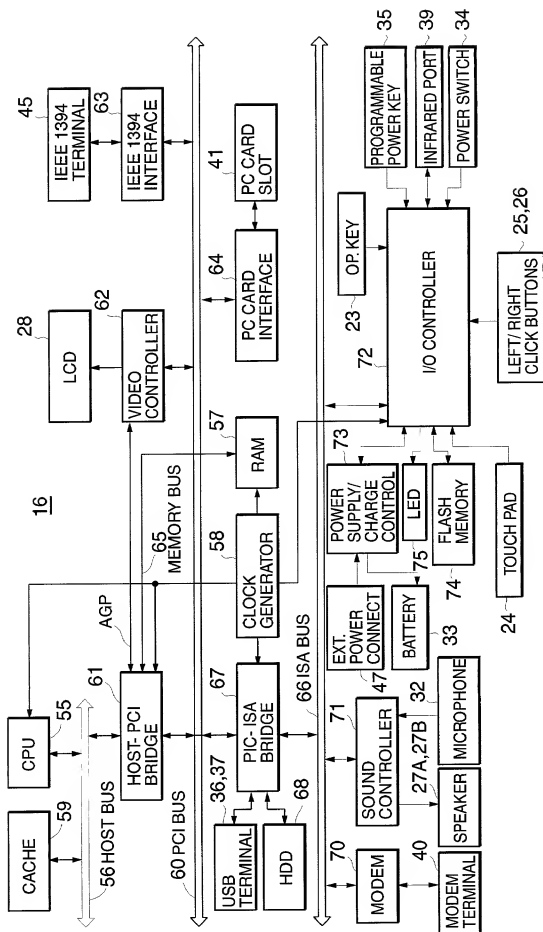


FIG.8 CIRCUIT CONFIGURATION OF PERSONAL COMPUTER



FIG.9 E-MAIL RECEIVE PROCESSING BETWEEN PROVIDER AND PC

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RECEIVE MELODY CLUB!

FILE(F) ADDRESS(A) REC. MELODY(M) TOOL(T) HELP(H)

MAIL ADDRESS (L)

DISPLAY ADDRESSES CONTAINING THE FOLLOWING CHARACTERS

NAMES	ADDRESSES
ABCDEF	abc@del.hif.com
TEST	test@abc.abcd.co.jp
REC. MELODY/TARO	ukemoro@test.abcd.co.jp

REC. MELODY (M)

TITLES OF MUSIC (DON'T SOUND MELODY)	NAMES OF ARTISTS
Melody_A	Artist_A
Melody_B	Artist_B
Melody_C	Artist_C
MUSIC_1	Artist_D
MUSIC_2	Artist_E
MUSIC_3	Artist_F

111 MAIL ADDRESS DISPLAY PORTION

112 MUSIC FILE DISPLAY PORTION

FIG.10 SET-UP SCREEN

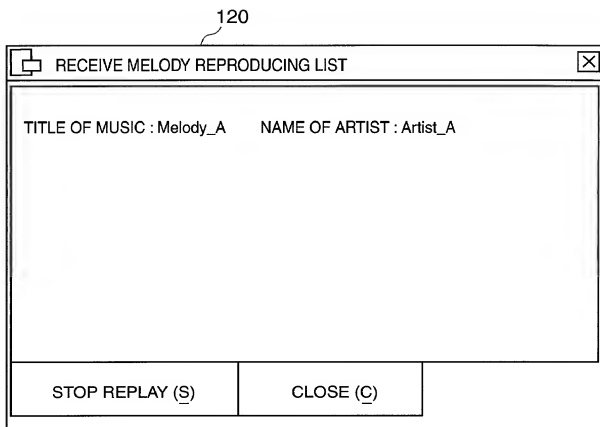


FIG.11 MUSIC TITLE DISPLAY SCREEN ON RECEIVING E-MAIL

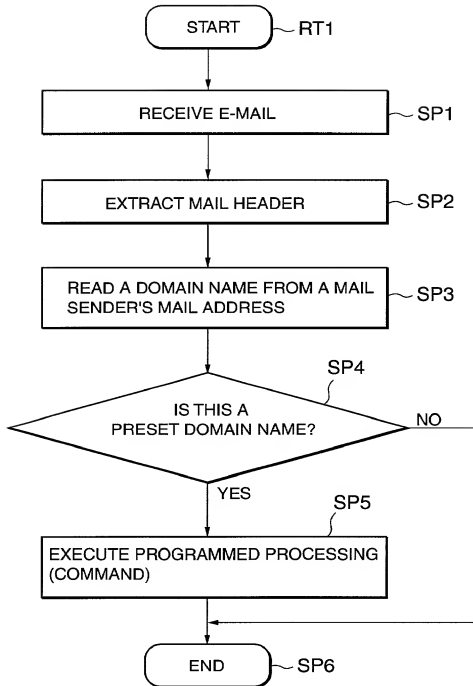


FIG.12 COMMAND EXECUTION PROCEDURE 1
ON RECEIVING E-MAIL

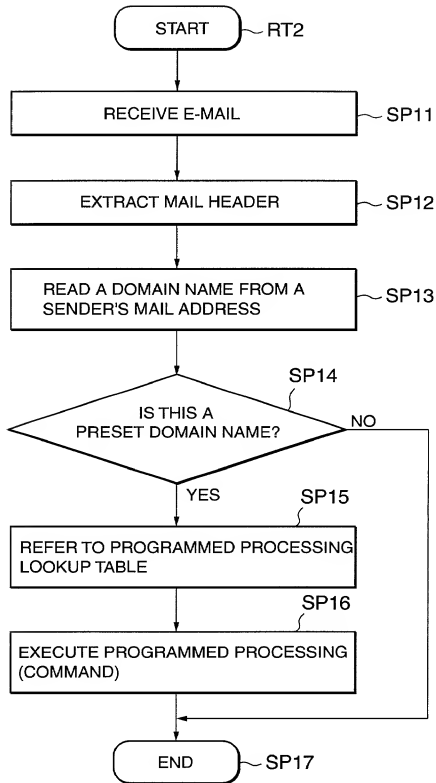


FIG.13 COMMAND EXECUTION PROCEDURE 2
ON RECEIVING E-MAIL

130

DOMAIN NAMES	FILES
abcd. co. jp	File A (Melody A, Artist A)
efgh. co. jp	File B (Melody B, Artist B)
• • •	• • •

FIG.14 PROGRAMMED PROCESSING LOOKUP TABLE
CORRESPONDING TO DOMAIN NAMES

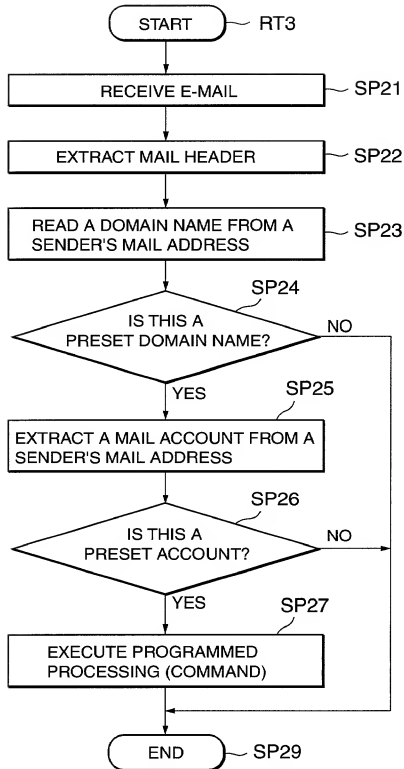


FIG.15 COMMAND EXECUTION PROCEDURE 3
ON RECEIVING E-MAIL

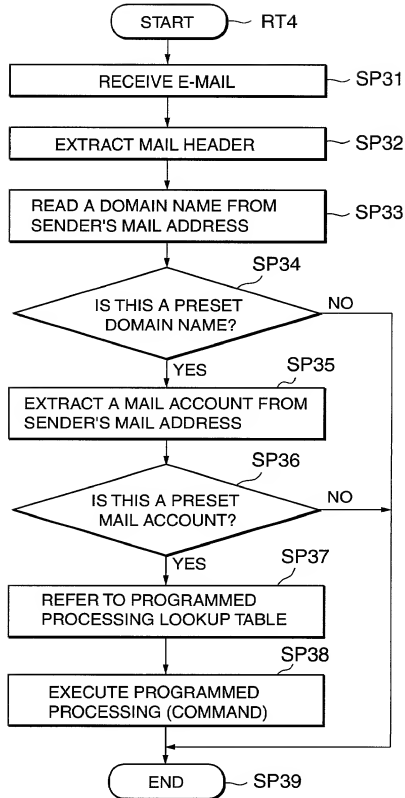


FIG.16 COMMAND EXECUTION PROCEDURE 4 ON RECEIVING E-MAIL

140

MAIL ACCOUNTS	CHARACTER STRINGS
ukemero	File A (Melody A, Artist A)
TEST	File 1 (MUSIC 1, Artist D)
ABCDEF	File 3 (MUSIC 3, Artist F)
• • •	• • •

FIG.17 PROGRAMMED PROCESSING LOOKUP TABLE
CORRESPONDING TO MAIL ACCOUNTS

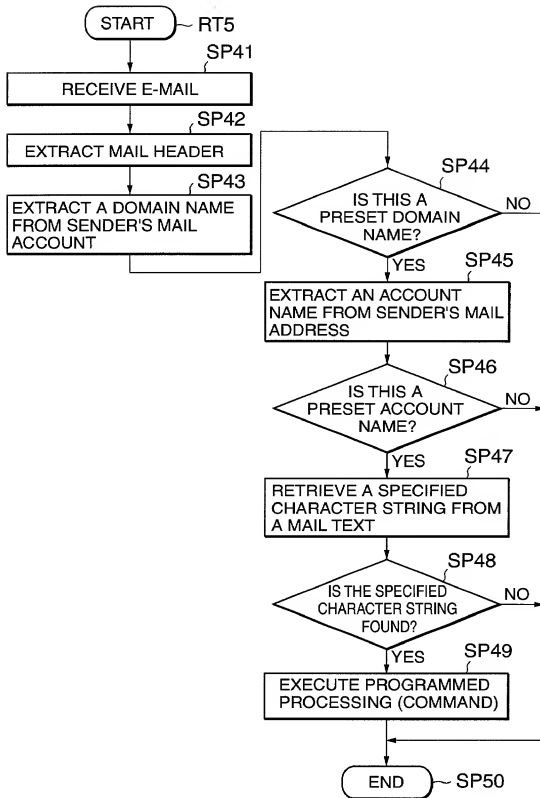


FIG.18 COMMAND EXECUTION PROCEDURE 5
ON RECEIVING E-MAIL

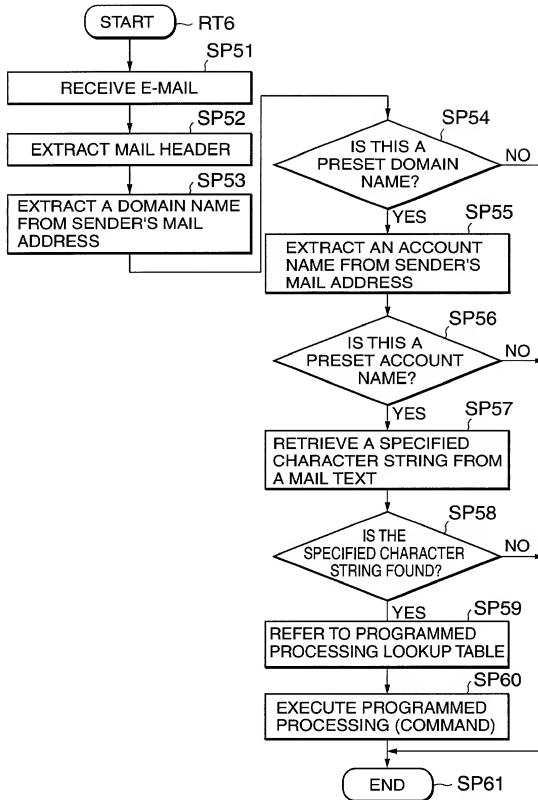


FIG. 19 COMMAND EXECUTION PROCEDURE 6
ON RECEIVING E-MAIL

150

CHARACTER STRINGS	FILES
HELLO	File 5 (MUSIC 2, Artist E)
TARO YAMADA	File C (Melody C, Artist C)
• • •	• • •

FIG.20 PROGRAMMED PROCESSING LOOKUP TABLE
CORRESPONDING TO CHARACTER STRINGS

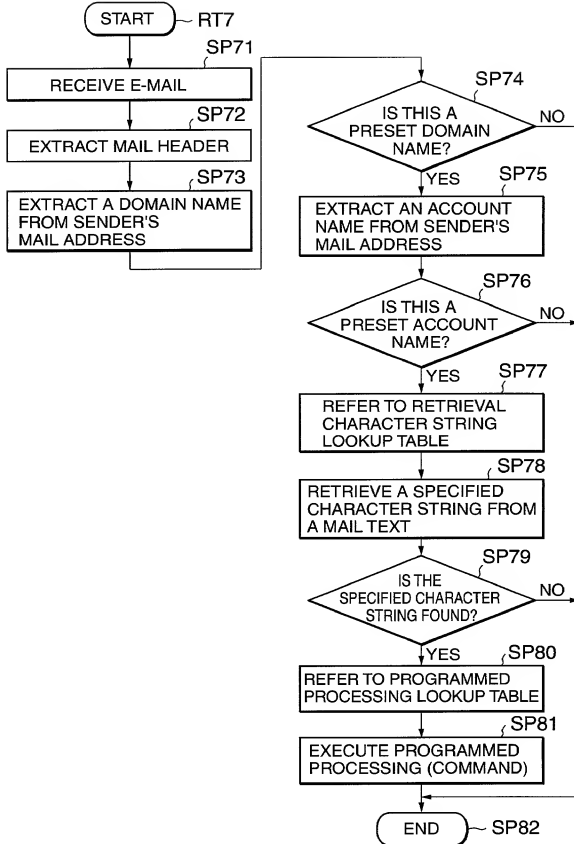


FIG.21 COMMAND EXECUTION PROCEDURE 7
ON RECEIVING E-MAIL

160

MAIL ACCOUNTS	CHARACTER STRINGS
ukemero	HELLO
TEST	TARO YAMADA
ABCDEF	GOOD EVENING
⋮	⋮

FIG.22 RETRIEVAL CHARACTER STRING LOOKUP TABLE
CORRESPONDING TO MAIL ACCOUNTS

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NO	MAIL ACCOUNT (CHARACTER STRING PRECEDING @)	COMMANDS	CONTENTS OF PROCESSING
1	URL * ARGUMENT (=abc.defg.co.jp)	GetURL (ARGUMENT)	START THE BROWSER. THEN OPEN A WEB PAGE CORRESPONDING TO ARGUMENT (=abc.defg.co.jp)
2	SAY * ARGUMENT (=HELLO_1)	SAY(ARGUMENT)	REPRODUCE A MUSIC FILE NAMED ARGUMENT (=HELLO_1) TO OUTPUT FROM THE SPEAKER
3	POP * ARGUMENT (=MSG_A)	POPUP (ARGUMENT)	OPEN THE POPUP WINDOW, AND DISPLAY CONTENTS OF THE FILE NAMED ARGUMENT (=MSG_A)
4			

.....

FIG.23 PROGRAMMED PROCESSING LOOKUP TABLE ACCORDING TO
ANOTHER EMBODIMENT OF THE INVENTION

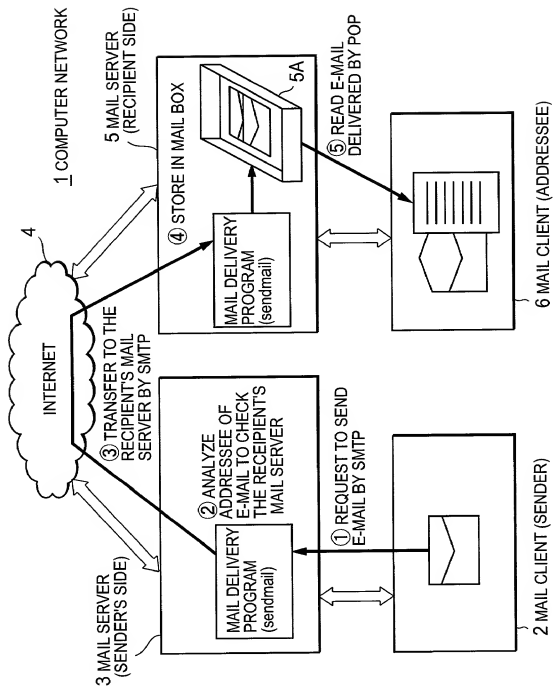


FIG.24 E-MAIL DELIVERY CONFIGURATION